Application No. 10/680,690 November 16, 2005 Page 2 of 12 Docket No. CS23737RL - Kuchibhotla

## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

18475232350

## Listing of Claims:

1 1. (currently amended) A method for selecting a core network for a communication 2 device comprising the steps of: 3 receiving at least one core public land mobile network identifier (PLMNid); 4 selecting a core network identifier PLMNid to form a selected public land mobile 5 core network identifier; 6 setting an indicator to indicate whether a substitute core public land mobile 7 network is allowed; 8 determining whether the selected public land mobile core network identifier 9 corresponds to a shared network; 10 forming a registration request message containing the selected public land 11 mobile core network identifier; 12 including the indicator in the registration request message, if the selected public 13 land mobile core network identifier corresponds to a shared network; and

transmitting the registration request message.

2. (canceled)

14

Application No. 10/680,690 November 16, 2005 Page 3 of 12

1	3.	(currently amended) A method according to claim 1 wherein the step of selecting
---	----	---

- 2 includes the communication device automatically choosing the selected <u>public land</u>
- 3 mobilecore network identifier according to the following priority levels:
- 4 (1) registered public land mobile core network,
- 5 (2) home <u>public land mobile core</u> network,
- 6 (3) user-controlled list of <u>public land mobilecore</u> networks (in priority order),
- 7 (4) operator-controlled list of <u>public land mobile core</u> networks (in priority
- 8 order),
- 9 (5) <u>public land mobilecore</u> networks with sufficient received signal quality in random order, and
- 11 (6) other <u>public land mobile core</u> networks in order of received signal quality.
  - 1 4. (currently amended) A method according to claim 3 wherein the step of setting
  - 2 indicates that a substitute core public land mobile network is allowed when the selected
  - 3 <u>public land mobile core-network identifier is selected at priority level (5).</u>
  - 1 5. (currently amended) A method according to claim 3 wherein the step of setting
  - 2 indicates that a substitute <u>public land mobile core</u> network is allowed when the selected
  - 3 <u>public land mobile core</u> network identifier is selected at priority level (6).

Application No. 10/680,690 November 16, 2005 Page 4 of 12

Docket No. CS23737RL - Kuchibhotla

1 6. (currently amended) A method according to claim 1 wherein the step of selecting

18475232350

- 2 includes the communication device presenting the at least one core network
- 3 identifier PLMNid to a user according to the following priority levels:
- 4 **(1)** registered <u>public land mobile</u> core network,
- 5 (2) home public land mobile core-network,
- 6 (3)user-controlled list of <u>public land mobile core</u> networks (in priority order),
- 7 (4) operator-controlled list of public land mobile core networks (in priority-
- 8 order),
- 9 (5) public land mobile core networks with sufficient received signal quality in 10 random order, and
- 11 (6) other public land mobile core-networks in order of received signal quality.
  - 1 (currently amended) A method according to claim 6 wherein the step of selecting 7.
  - 2 further includes:
  - 3 receiving a selected <u>public land mobile</u> eore network identifier from the user.
  - 1 8. (currently amended) A method according to claim 6 wherein the step of setting
  - 2 comprises:
  - 3 setting the indicator to indicate that a substitute public land mobilecore network
  - 4 is disallowed.
  - 1 9. (currently amended) A method according to claim 1 wherein the step of setting
  - 2 comprises:
  - 3 setting the indicator to indicate that a substitute public land mobile core network
  - 4 is disallowed.

Application No. 10/680,690 November 16, 2005 Page 5 of 12

- 1 10. (currently amended) A method for selecting a <u>public land mobile core</u> network
- 2 for a communication device comprising the steps of:
- 3 receiving a registration request message;
- 4 extracting a selected <u>public land mobile core-network</u> identifier from the
- 5 registration request message; and
- 6 determining if the registration request message includes an indicator indicating
- 7 whether a substitute <u>public land mobile</u>eore network is allowed.
- 1 11. (currently amended) A method according to claim 10 further comprising the
- 2 steps of:
- determining a substitute <u>public land mobile</u> eore network, if the indicator
- 4 indicates that a substitute <u>public land mobilectore</u> network is allowed; and
- forwarding the registration request message to the substitute <u>public land</u>
- 6 mobilecore network.
- 1 12. (currently amended) A method according to claim 10 wherein the substitute
- 2 <u>public land mobilecore</u> network shares radio access resources with a core network
- 3 indicated by the selected core network identifier.
- 1 13. (currently amended) A method according to claim 10 wherein the substitute
- 2 <u>public land mobile core-network is a co-public land mobile</u> re network indicated by the
- 3 selected <u>public land mobile core</u> network identifier.
- 1 14. (currently amended) A method according to claim 10 wherein the substitute
- 2 <u>public land mobilecore</u> network is not a <u>public land mobilecore</u> network indicated by
- 3 the selected <u>public land mobile core</u> network identifier.

Application No. 10/680,690 November 16, 2005 Page 6 of 12 Docket No. CS23737RL - Kuchibhotla

1	15	arrange of the second of the s
7	15.	currently amended) A method according to claim 10 further comprising the step

18475232350

- 2 of:
- 3 forwarding the registration request message to a <u>public land mobile</u> eore network
- 4 identified by the selected <u>public land mobilectore</u> network identifier, if the indicator
- 5 indicates that a substitute <u>public land mobilecore</u> network is not allowed.
- 1 16. (currently amended) A method according to claim 10 further comprising the step
- 2 of:
- 3 forwarding the registration request message to a <u>public land mobile</u> network
- 4 identified by the selected <u>public land mobile-core</u> network identifier, if the registration
- 5 request message does not include an indicator.
- 1 17. (original) A method for selecting a public land mobile network (PLMN) for user
- 2 equipment (UE) comprising the steps of:
- 3 receiving at least one PLMN identifier (PLMNid);
- 4 selecting a PLMNid to form a selected PLMNid;
- 5 setting an indicator to indicate whether a substitute PLMN is allowed;
- 6 determining whether the selected PLMNid corresponds to a shared radio access
- 7 network (RAN);
- 8 forming a registration request message with the selected PLMNid;
- 9 including the indicator in the registration request message, if the selected
- 10 PLMNid corresponds to a shared RAN; and
- 11 transmitting the registration request message from the UE.
  - 1 18. (original) The method according to claim 17 wherein the step of setting
  - 2 comprises:
  - 3 setting the indicator to indicate that a substitute PLMN is disallowed when the
  - 4 UE is in manual network selection mode.

Application No. 10/680,690 November 16, 2005 Page 7 of 12

- 1 19. (original) The method according to claim 17 wherein the step of setting
- 2 comprises:
- 3 setting the indicator to indicate that a substitute PLMN is disallowed when the
- 4 UE automatically selects a PLMNid that corresponds to a registered PLMN (RPLMN) of
- 5 the UE, a home PLMN (HPLMN) of the UE, a PLMN on a user-controlled list of
- 6 PLMNs, or a PLMN on an operator-controlled list of PLMNs.
- 1 20. (original) A method according to claim 17 further comprising the steps of:
- 2 receiving the registration request message at a radio access network (RAN);
- 3 extracting the selected PLMNid from the registration request message; and
- 4 determining if the registration request message includes the indicator.
- 1 21. (original) The method according to claim 20 further comprising the steps of:
- determining a substitute PLMN, if the indicator indicates that a substitute PLMN
- 3 is allowed; and
- 4 forwarding the registration request message to the substitute PLMN.
- 1 22. (original) The method according to claim 21 wherein the substitute PLMN shares
- 2 radio access resources with a PLMN indicated by the selected PLMNid.

Application No. 10/680,690 November 16, 2005 Page 8 of 12

1	23. (currently amended) A method for selecting a corepublic land mobile network
2	for a communication device comprising the steps of:
3	receiving at least one core public land mobile network identifier;
4	selecting a core public land mobile network identifier to form a selected
5	corepublic land mobile network identifier;
6	setting an indicator to indicate whether a substitute corepublic land mobile
7	network is allowed;
8	forming a registration request message containing the selected eorepublic land
9	mobile network identifier;
10	including the indicator in the registration request message; and
11	transmitting the registration request message.

- 1 24. (new) A method according to claim 6 wherein the priority level (3) uscr-
- 2 controlled list of public land mobile networks is presented in priority order.